

**SUMMARY OF
NIH SBIR INNOVATIONS IN BIOMEDICAL
INFORMATION SCIENCE AND TECHNOLOGY
AWARDS
FOR PROGRAM ANNOUNCEMENT PAR-03-119
NEWLY FUNDED IN FY 2004**

The following text provides a summary of grants from BISTIC member institutes and centers for NIH innovations in biomedical information science and technology awards in response to program announcement PAR-003-119. The objective of this program is to support innovative information science and technology research within small businesses whose outcomes are likely to advance health or health-related research within the mission of the NIH.

Funded grants are listed below in alphabetical order by the principal investigator's (PI's) last name. Other information provided for each grant includes PI affiliation, grant title, application number, and funding organization.

1. PRINCIPAL INVESTIGATOR: BLANFORD, RONALD P.

AFFILIATION: ALODAR SYSTEMS, INC.

PROJECT TITLE: Genomic Pathway Storage, Documentation in Graph-like Str

GRANT NUMBER: 1 R43 HG003249-01

2. PRINCIPAL INVESTIGATOR: BUHLER, JEREMY D.

AFFILIATION: BECS TECHNOLOGY, INC.

PROJECT TITLE: Fast Biosequence Annotation via Reconfigurable Hardware

GRANT NUMBER: 1 R42 HG003225-01

3. PRINCIPAL INVESTIGATOR: CHENCHIK, ALEX

AFFILIATION: SYSTEM BIOSCIENCES, LLC (SBI)

PROJECT TITLE: Algorithm and genome-wide database of functional siRNAs

GRANT NUMBER: 1 R43 HG003355-01

4. PRINCIPAL INVESTIGATOR: DECHARMS, CHRISTOPHER R.

AFFILIATION: NEURION, INC.

PROJECT TITLE: Applications of Real Time FMRI - Phase II

GRANT NUMBER: 9 R44 NS050642-03

5. PRINCIPAL INVESTIGATOR: FOX, JEFFREY J.

AFFILIATION: GENE NETWORK SCIENCES, INC.

PROJECT TITLE: Software for Simulating Cardiac Electrical Activity

GRANT NUMBER: 1 R43 HL077938-01

6. PRINCIPAL INVESTIGATOR: GLASER, JACOB R.

AFFILIATION: MICROBRIGHTFIELD, INC.

PROJECT TITLE: Automated Neuron Tracing and 3D Reconstruction Software

GRANT NUMBER: 1 R44 MH072063-01

7. PRINCIPAL INVESTIGATOR: MANJUNATH, BANGALORE S.

AFFILIATION: MAYACHITRA, INC.

PROJECT TITLE: Developing tools for Bio-Molecular Image Informatics

GRANT NUMBER: 1 R41 GM074250-01

8. PRINCIPAL INVESTIGATOR: **WASSOM, JOHN S.**

AFFILIATION: YAHSGS, LLC

PROJECT TITLE: Ontological Annotation for Cross-Scale Discovery

GRANT NUMBER: 1 R41 GM071983-01